

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the Specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the Specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is an electronic CRF copy of the Substitute Sequence Listing. The electronic CRF copy of the Substitute Sequence Listing, file "2010_08_04_3691_0135PUS1_ST25.txt", is identical to the paper copy, except that it lacks formatting. The enclosed paper copy and the electronic CRF copy of the Substitute Sequence Listing do not include new matter.

Application No. 10/589,557
Response to Notice to Comply dated July 26, 2010
Amendment dated August 20, 2010

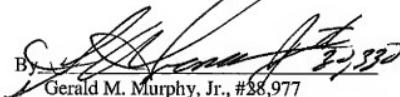
Docket No.: 3691-0135PUS1

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: August 20, 2010

Respectfully submitted,

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Attachments:

Electronic CRF Copy of Substitute Sequence Listing
Paper Copy of Substitute Sequence Listing
Copy of Notice to Comply